

What is claimed is:

1. A suspension or particle-solvent mixture system which comprises a liquid containing a microparticle of zinc-containing calcium phosphate consisting of from 0.6 ppm to 13% by weight of zinc, 33.57% by weight of P₂O₅, 10.65% by weight of CaO and 0.28% by weight of H₂O.
2. A suspension or particle-solvent mixture system which comprises a liquid containing a microparticle of zinc-containing calcium phosphate consisting of from 120 ppm to 13% by weight of zinc, 33.57% by weight of P₂O₅, 10.65% by weight of CaO and 0.28% by weight of H₂O.
3. The suspension or particle-solvent mixture system according to claim 1 or 2, wherein said microparticle of zinc-containing calcium phosphate is one or more compounds selected from the group consisting of zinc-containing hydroxyapatite, zinc-containing poorly-crystallized apatite, zinc-containing α -tricalcium phosphate, zinc-containing β -tricalcium phosphate, zinc-containing calcium hydrogenphosphate, zinc-containing amorphous calcium phosphate and CaZn₂(PO₄)₂·nH₂O (0≤n≤2).
4. The suspension or particle-solvent mixture system according to any one of claims 1-3, wherein at least one osteogenic compound selected from the group consisting of vitamin D, α -calcidiol, estrogen-related preparations, calcitonin, bisphosphonate and calcium containing preparations is further contained.
5. The suspension or particle-solvent mixture system according to any one of claims 1-4, wherein said liquid is a water-miscible solvent selected from the group consisting of physiological saline solution, an aqueous solution of 2.5% by weight or less of sodium chloride, Ringer's solution, purified water, distilled water for injection, distilled water, physiological salt solution, propylene glycol, ethanol, and a mixture of propylene glycol or ethanol with any one or more of these solutions or waters.
6. The suspension or particle-solvent mixture system according to any one of claims 1-4, wherein said liquid is selected from the group consisting of water-immiscible solvents including triglyceride, safflower oil, soybean oil,

sesame oil, rape seed oil and peanut oil or from polyethylene glycols (Macrogol).

7. The suspension or particle-solvent mixture system according to any one of claims 1-6, wherein said suspension or particle-solvent mixture system is used for a therapeutic agent for treating zinc deficiency.
8. The suspension or particle-solvent mixture system according to claim 4, wherein said suspension or particle-solvent mixture system is used for a therapeutic agent for treating zinc deficiency and osteogenetic agent.